

## STN Columbus

=> sort L1 1- SCORE D PA A  
 PROCESSING COMPLETED FOR L1  
 L2 910 SORT L1 1- SCORE D PA A

=> dis l2 1-70 bib align

L2 ANSWER 1 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78921 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.26.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 194 bits (494), Expect = 2e-55  
 Identities = 94/94 (100%), Positives = 94/94 (100%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 2 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78898 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.06.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 194 bits (494), Expect = 2e-55  
 Identities = 94/94 (100%), Positives = 94/94 (100%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

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GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT

Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 3 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78939 Peptide DGENE

TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G

PA (PHYL-N) PHYLOS INC.

PI WO 2002032925 A2 20020425 94

AI WO 2001-US32233 20011016

PRAI US 2000-688566 20001016

DT Patent

LA English

OS 2002-444238 [47]

DESC Tumour necrosis factor-alpha binding amino acid sequence M12.01.

## BLASTALIGN

Query = 94 letters

Length = 94

Score = 192 bits (489), Expect = 6e-55

Identities = 92/94 (97%), Positives = 94/94 (99%)

Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6

VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS

Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6

Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

GLKPGVDYTITVYAVTD+SDTYKYDDP+SINYRT

Sbjct: 61 GLKPGVDYTITVYAVTDESPTYKYDDPVSINYRT 94

L2 ANSWER 4 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78920 Peptide DGENE

TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G

PA (PHYL-N) PHYLOS INC.

PI WO 2002032925 A2 20020425 94

AI WO 2001-US32233 20011016

PRAI US 2000-688566 20001016

DT Patent

LA English

OS 2002-444238 [47]

DESC Tumour necrosis factor-alpha binding amino acid sequence T14.23.

## BLASTALIGN

Query = 94 letters

Length = 94

Score = 192 bits (489), Expect = 6e-55

Identities = 93/94 (98%), Positives = 93/94 (98%)

Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6

VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS

Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6

Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

GLKPGVDYTITVYAVDKSDTYKYDDPISINYRT

Sbjct: 61 GLKPGVDYTITVYAVADKSDTYKYDDPISINYRT 94

L2 ANSWER 5 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

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Full Text

AN ABB78919 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.14.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 192 bits (489), Expect = 6e-55  
 Identities = 93/94 (98%), Positives = 93/94 (98%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTDKSDTYKYDDP SINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPTSINYRT 94

L2 ANSWER 6 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78911 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence S08.02.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 192 bits (488), Expect = 7e-55  
 Identities = 93/94 (98%), Positives = 93/94 (98%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQE TVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQELTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 7 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78940 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for

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designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence M12.01.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 191 bits (484), Expect = 2e-54  
 Identities = 91/94 (96%), Positives = 93/94 (98%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTD+SDTYKYDDP+S NYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDESPTYKYDDPVSTNYRT 94

L2 ANSWER 8 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78915 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.12.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 191 bits (486), Expect = 1e-54  
 Identities = 92/94 (97%), Positives = 93/94 (98%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 +SDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIA IS  
 Sbjct: 1 LSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIAAIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 9 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78912 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.

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PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence S08.03.  
BLASTALIGN  
Query = 94 letters  
Length = 94  
Score = 191 bits (484), Expect = 2e-54  
Identities = 92/94 (97%), Positives = 92/94 (97%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGN PVQEFTVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNGPVQEFTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVTD SDTYKYDDPISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTDMSDTYKYDDPISINYRT 94

L2 ANSWER 10 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78918 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T14.05.  
BLASTALIGN  
Query = 94 letters  
Length = 94  
Score = 190 bits (483), Expect = 3e-54  
Identities = 92/94 (97%), Positives = 93/94 (98%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGET GNSPVQEFTVPPWAS+ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETEGNSPVQEFTVPPWASMATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 11 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78916 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent

## STN Columbus

LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T14.13.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 190 bits (483), Expect = 3e-54  
Identities = 92/94 (97%), Positives = 93/94 (98%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQE TVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQELTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVTDKSDTYKYDDPISIN+RT  
Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINHRT 94

L2 ANSWER 12 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78899 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.17.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 189 bits (481), Expect = 5e-54  
Identities = 93/94 (98%), Positives = 93/94 (98%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLIS NRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISCNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 13 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78917 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T14.17.  
BLASTALIGN

## STN Columbus

Query = 94 letters  
 Length = 94  
 Score = 188 bits (478), Expect = 1e-53  
 Identities = 92/94 (97%), Positives = 92/94 (97%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPR LEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRGLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLK GVDYTITVYAVTDKSDTYKYDDPISINYRT  
 Sbjct: 61 GLKHGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 14 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78922 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in  
 research, therapeutic or diagnostic fields, particularly as scaffolds for  
 designing proteins with specific properties, e.g. for binding any antigen  
 of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.24.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 182 bits (463), Expect = 6e-52  
 Identities = 88/94 (93%), Positives = 90/94 (95%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTSRLISWNRSGLQ RYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQCRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVTD+ DTY+YDDPIS N RT  
 Sbjct: 61 GLKPGVDYTITVYAVTDQRDYTRYDDPISTNCRT 94

L2 ANSWER 15 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78923 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in  
 research, therapeutic or diagnostic fields, particularly as scaffolds for  
 designing proteins with specific properties, e.g. for binding any antigen  
 of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.20.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 176 bits (446), Expect = 6e-50  
 Identities = 86/94 (91%), Positives = 87/94 (92%)

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Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW +RYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRNIYPIARYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPG DYTITVYAVTDKSDTYKYDDPISINYRT  
 Sbjct: 61 GLKPGADYTITVYAVTDKSDTYKYDDPISINYRT 94

L2 ANSWER 16 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78949 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence M12.16.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 175 bits (443), Expect = 1e-49  
 Identities = 85/94 (90%), Positives = 86/94 (91%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW SRYRITYGE GGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPGRTYSRYRITYGEAGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVTDKS TY+YDDPISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTDKSGTYRYDDPISINYRT 94

L2 ANSWER 17 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78873 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.28.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 173 bits (439), Expect = 4e-49  
 Identities = 85/94 (90%), Positives = 88/94 (93%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94



## STN Columbus

GLKPGVDYTITVYAVT+ T ++ PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTETPSTKPHNVPISINYRT 94

L2 ANSWER 18 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78869 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.23.  
 BLASTALIGN

Query = 94 letters  
 Length = 93  
 Score = 172 bits (436), Expect = 8e-49  
 Identities = 87/94 (92%), Positives = 88/94 (93%), Gaps = 1/94 (1%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT + T K DPISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTSATRTVK-RDPISINYRT 93

L2 ANSWER 19 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78868 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.16.  
 BLASTALIGN

Query = 94 letters  
 Length = 93  
 Score = 172 bits (437), Expect = 6e-49  
 Identities = 82/82 (100%), Positives = 82/82 (100%)  
 Query: 13 ATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATISGLKPGVDYTITV 7  
 ATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATISGLKPGVDYTITV  
 Sbjct: 12 ATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATISGLKPGVDYTITV 7  
 Query: 73 YAVTDKSDTYKYDDPISINYRT 94  
 YAVTDKSDTYKYDDPISINYRT  
 Sbjct: 72 YAVTDKSDTYKYDDPISINYRT 93

L2 ANSWER 20 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## STN Columbus

## Full Text

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AN      ABB78872  Peptide          DGENE
TI      New non-antibody proteins having an immunoglobulin fold, useful in
        research, therapeutic or diagnostic fields, particularly as scaffolds for
        designing proteins with specific properties, e.g. for binding any antigen
        of interest  -
IN      Lipovsek D; Wagner R W; Kuimelis R G
PA      (PHYL-N)      PHYLLOS INC.
PI      WO 2002032925      A2 20020425      94
AI      WO 2001-US32233      20011016
PRAI    US 2000-688566      20001016
DT      Patent
LA      English
OS      2002-444238 [47]
DESC    Tumour necrosis factor-alpha binding amino acid sequence T09.10.
BLASTALIGN
        Query   = 94 letters
        Length  = 94
        Score   = 170 bits (431), Expect = 3e-48
        Identities = 84/94 (89%), Positives = 86/94 (91%)
Query: 1  VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6
          VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRITYGETGGNSPVQEFTVPPWASIATIS
Sbjct: 1  VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94
          GLKPGVDYTITVYAVT + + PISINYRT
Sbjct: 61 GLKPGVDYTITVYAVTKEPQRHALVTPISINYRT 94

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L2 ANSWER 21 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

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AN      ABB78942  Peptide          DGENE
TI      New non-antibody proteins having an immunoglobulin fold, useful in
        research, therapeutic or diagnostic fields, particularly as scaffolds for
        designing proteins with specific properties, e.g. for binding any antigen
        of interest  -
IN      Lipovsek D; Wagner R W; Kuimelis R G
PA      (PHYL-N)      PHYLLOS INC.
PI      WO 2002032925      A2 20020425          94
AI      WO 2001-US32233      20011016
PRAI    US 2000-688566      20001016
DT      Patent
LA      English
OS      2002-444238 [47]
DESC    Tumour necrosis factor-alpha binding amino acid sequence M12.25.
BLASTALIGN
        Query   = 94 letters
        Length  = 94
        Score   = 166 bits (419), Expect = 8e-47
        Identities = 83/94 (88%), Positives = 83/94 (88%)
Query: 1  VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6
        VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRITYGETGGNSPVQEFTVPPWASIATIS
Sbjct: 1  VSDVPRDLEVVAATPT SRLISWNRSG LQSRYYRTTYGETGGNSPVQEFTVPPWASIATIS 6
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94
        GLKPGVDYTITVYAVT          PISINYRT
Sbjct: 61 GLKPGVDYTITVYAVTSNVGRLDTRYPI SINYRT 94

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L2 ANSWER 22 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN	ABB78870	Peptide	DGENE
TI	New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for		

## STN Columbus

designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.21.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 165 bits (417), Expect = 1e-46  
 Identities = 82/94 (87%), Positives = 83/94 (88%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSD PRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDAPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTIT+YAVT PISINYRT  
 Sbjct: 61 GLKPGVDYTITMYAVTSNVGRDLTRYPIISINYRT 94

L2 ANSWER 23 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78871 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.33\*.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 164 bits (415), Expect = 2e-46  
 Identities = 82/94 (87%), Positives = 83/94 (88%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDL+VVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFT PPWASIATIS  
 Sbjct: 1 VSDVPRDLVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTPEPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTSNVGRDLTRYPIISINYRT 94

L2 ANSWER 24 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78900 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.

## STN Columbus

PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.18.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 163 bits (413), Expect = 4e-46  
Identities = 82/94 (87%), Positives = 84/94 (89%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGG+SPVQEFTVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGSSPVQEFTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + ISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTPTHNWNDQTRSISINYRT 94

L2 ANSWER 25 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78895 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.34.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 160 bits (406), Expect = 2e-45  
Identities = 80/94 (85%), Positives = 81/94 (86%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLE+VAATPTSRLISWNRSGLQS YYRITYGETGGNSPVQEFTVPPWASIAT S  
Sbjct: 1 VSDVPRDLEIVAATPTSRLISWNRSGLQSGYYRITYGETGGNSPVQEFTVPPWASIATTS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT PIS NYRT  
Sbjct: 61 GLKPGVDYTITVYAVTSNVGRDLTRYPISTNYRT 94

L2 ANSWER 26 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78941 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent

## STN Columbus

LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence M12.24.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 159 bits (402), Expect = 7e-45  
Identities = 81/94 (86%), Positives = 82/94 (87%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSGYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT PISI+ RT  
Sbjct: 61 GLKPGVDYTITVYAVTPNVGRLDTRYPI SIDCRT 94

L2 ANSWER 27 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78901 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.39.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 157 bits (397), Expect = 3e-44  
Identities = 77/94 (81%), Positives = 82/94 (86%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW + RYYRITYGETGGNSPVQEFTVPPWASIATI  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPTSNPPRYRITYGETGGNSPVQEFTVPPWASIATIG 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT ++ + +D PISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTAQTGYHLHDKPISINYRT 94

L2 ANSWER 28 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78897 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.30.  
BLASTALIGN

## STN Columbus

Query = 94 letters  
Length = 76  
Score = 156 bits (395), Expect = 4e-44  
Identities = 76/76 (100%), Positives = 76/76 (100%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
Query: 61 GLKPGVDYTITVYAVT 76  
GLKPGVDYTITVYAVT  
Sbjct: 61 GLKPGVDYTITVYAVT 76

L2 ANSWER 29 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78928 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T14.21.

## BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 155 bits (392), Expect = 1e-43  
Identities = 77/94 (81%), Positives = 79/94 (83%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW SRYRITYGETGGNSPVQEFTVPPWA+ ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPGRTYSRYRITYGETGGNSPVQEFTVPPWANTATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTIT YAVT T D+PISINYRT  
Sbjct: 61 GLKPGVDYTITAYAVTYTHSTPMQDEPISINYRT 94

L2 ANSWER 30 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78880 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T09.17.

## BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 155 bits (393), Expect = 8e-44  
Identities = 76/94 (80%), Positives = 82/94 (86%)

## STN Columbus

Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW + RYYRI+YGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPTSNPPRYRITYGETGGNSPVQEFTVPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT ++ + +D PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTAQTGHHLHDKPISINYRT 94

L2 ANSWER 31 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78879 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.12\*.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 155 bits (392), Expect = 1e-43  
 Identities = 76/94 (80%), Positives = 81/94 (85%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLI W + RYYRITYGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLICWRPTSNPPRYRITYGETGGNSPVQEFTVPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT ++ + +D PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTAQTGHHLHDKPISINYRT 94

L2 ANSWER 32 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78954 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence M12.14.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (390), Expect = 2e-43  
 Identities = 75/94 (79%), Positives = 82/94 (86%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDL+VVAATPTSRLISW + +RYYRITYGETGGNSPVQE TVPPWASIATIS  
 Sbjct: 1 VSDVPRDLKVVAATPTSRLISWTHDNVPARYRITYGETGGNSPVQELTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

## STN Columbus

GLKPGVDYTITVYAVT + ++ + PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTLYTGNHRPEHPISINYRT 94

L2 ANSWER 33 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78950 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence M12.22.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (388), Expect = 3e-43  
 Identities = 74/94 (78%), Positives = 81/94 (85%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDL VVAATPTSRLISW + +RYYRITYGETGGNSPVQEFTVPPWAS+ATI  
 Sbjct: 1 VSDVPRDLRVVAATPTSRLISWRPASNPARYYRITYGETGGNSPVQEFTVPPWASVATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYT+TVYAVT ++ +D PISINYRT  
 Sbjct: 61 GLKPGVDYTVTVYAVTAQTGHRHLHDKPISINYRT 94

L2 ANSWER 34 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78910 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.14.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (390), Expect = 2e-43  
 Identities = 76/93 (81%), Positives = 80/93 (85%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW + RYYRITYGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPTSNHPRYYRITYGETGGNSPVQEFTVPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYR 93  
 GLKPGVDYTITVYAVT ++ + Y PISINYR  
 Sbjct: 61 GLKPGVDYTITVYAVTTTNEHDVYALPISINYR 93

L2 ANSWER 35 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN



## STN Columbus

Full Text

AN ABB78909 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.26.

## BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (389), Expect = 2e-43  
 Identities = 76/94 (80%), Positives = 81/94 (85%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTS LISW + +RYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSLISWRPQVVSTRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT+ + +PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTNHKAHHDAEPISINYRT 94

L2 ANSWER 36 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78881 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.04.

## BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (389), Expect = 2e-43  
 Identities = 75/94 (79%), Positives = 83/94 (87%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTS+LISW + +RYYRITYGETGGNSPVQEFTVPPWA+IATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWKTNTPTARYRITYGETGGNSPVQEFTVPPWATIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT+ + ++ PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTNLTTRRRHRAPISINYRT 94

L2 ANSWER 37 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78876 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for

## STN Columbus

designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.35.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 154 bits (388), Expect = 3e-43  
 Identities = 76/94 (80%), Positives = 82/94 (86%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAAT TS LISW+ Q RYYRITYGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVPRDLEVVAATSTSLISWHYLRQPRYYRITYGETGGNSPVQEFTVPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT ++ + +D+PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTAQTGHHLHDEPISINYRT 94

L2 ANSWER 38 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78896 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.36.  
 BLASTALIGN

Query = 94 letters  
 Length = 93  
 Score = 153 bits (386), Expect = 5e-43  
 Identities = 79/94 (84%), Positives = 79/94 (84%), Gaps = 1/94 (1%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPT RLISWNRSGLQS YYR TYGETGGNSPVQEFTVPPWASIA IS  
 Sbjct: 1 VSDVPRDLEVVAATPTXRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIA-IS 5  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT PI INYRT  
 Sbjct: 60 GLKPGVDYTITVYAVTSNVGRLDTRYPIFINYRT 93

L2 ANSWER 39 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78904 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.

## STN Columbus

PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T10.20.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 152 bits (384), Expect = 9e-43  
Identities = 75/94 (79%), Positives = 79/94 (83%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW +RYYRITYGETGGNSPVQEFTVPPW +IATI+  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWKPRRTNTRYRITYGETGGNSPVQEFTVPPWGTIATIN 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + Y PISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTLGTGVYTRAQPISINYRT 94

L2 ANSWER 40 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78867 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T09.36.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 152 bits (384), Expect = 9e-43  
Identities = 75/94 (79%), Positives = 79/94 (83%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW + RYYRITYGETGGNSPVQEFTVPPWA+ ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWASPPMWCRRYYRITYGETGGNSPVQEFTVPPWATTATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT+ + PISINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTEYLPENWMTQPIISINYRT 94

L2 ANSWER 41 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78864 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in  
research, therapeutic or diagnostic fields, particularly as scaffolds for  
designing proteins with specific properties, e.g. for binding any antigen  
of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent

## STN Columbus

LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T09.19.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 152 bits (385), Expect = 7e-43  
Identities = 77/94 (81%), Positives = 79/94 (83%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTS+LISW SRYRITYGETGGNSPVQEFTVPPWA ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWPFPGWYPSRYRITYGETGGNSPVQEFTVPPWARTATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVTD SD + P SINYRT  
Sbjct: 61 GLKPGVDYTITVYAVTDYSDFSQVHTPNSINYRT 94

L2 ANSWER 42 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78878 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T09.11.  
BLASTALIGN

Query = 94 letters  
Length = 93  
Score = 151 bits (381), Expect = 2e-42  
Identities = 76/94 (80%), Positives = 81/94 (85%), Gaps = 1/94 (1%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW + RYYRITYGETGGNSPVQEFTVPPWASI TI  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPTSNNPPRYRITYGETGGNSPVQEFTVPPWASI-TIG 5  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT ++ + +D PISINYRT  
Sbjct: 60 GLKPGVDYTITVYAVTAQTGHHLHDKPISINYRT 93

L2 ANSWER 43 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78877 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T09.06.  
BLASTALIGN

## STN Columbus

Query = 94 letters  
 Length = 94  
 Score = 151 bits (382), Expect = 1e-42  
 Identities = 73/94 (77%), Positives = 82/94 (86%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDL++VAATPTS LISW+ S + RYYRITYGETGG+SPVQEFT PPWASIATI  
 Sbjct: 1 VSDVPRDLQIVAATPTSLISWDISRYKHRYRITYGETGGDSPVQEFTAPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT ++ + +D PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTAQTGHHLHDKPISINYRT 94

L2 ANSWER 44 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78866 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.07.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 150 bits (380), Expect = 2e-42  
 Identities = 74/94 (78%), Positives = 78/94 (82%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTSRLISW + RYYRITYGETGGN PVQEFTVPPWA+ ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWASPPMWCRRYYRITYGETGGNGPVQEFTVPPWATTATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTITVYAVT+ + PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTEYLPENWMTQPISINYRT 94

L2 ANSWER 45 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78905 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.29.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 148 bits (373), Expect = 2e-41

## STN Columbus

Identities = 74/94 (78%), Positives = 79/94 (83%)

Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTS+LISW SRYRITYGETGGNSPVQEFTVPPWA ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWPFGWYPSRYRITYGETGGNSPVQEFTVPPWARTATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT ++ + P+SINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTHFPESRRPAKPMSINYRT 94

L2 ANSWER 46 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78929 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.01.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 147 bits (372), Expect = 2e-41  
 Identities = 75/94 (79%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW+ S +RYYRITYGETGGNSPVQEFTVPPW SIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWDNSRPNTRYRITYGETGGNSPVQEFTVPPWGSIIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGV YTITVYAVT ISINYRT  
 Sbjct: 61 GLKPGVKYTITVYAVTTSECHKLSSTSISINYRT 94

L2 ANSWER 47 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78927 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.22.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 147 bits (370), Expect = 4e-41  
 Identities = 74/94 (78%), Positives = 78/94 (82%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATP+SRLISW SRYRITYGETGGNSPVQEFTVPPWA+ ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPSSRLISWRPGRTYSRYRITYGETGGNSPVQEFTVPPWANTATIS 6

## STN Columbus

Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTI VYAVT + + PISINYRT  
 Sbjct: 61 GLKPGVDYTI VYAVTFPTGYPLTEMPISINYRT 94

L2 ANSWER 48 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78926 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.10.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 146 bits (369), Expect = 5e-41  
 Identities = 75/94 (79%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTSRLISW SRYRITYGETGGNSPVQE TVPPWA+ ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPGRTYSRYRITYGETGGNSPVQESTVPPWANTATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT + PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTFPPGYPLTEMPISINYRT 94

L2 ANSWER 49 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78875 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.09.  
 BLASTALIGN

Query = 94 letters  
 Length = 93  
 Score = 146 bits (368), Expect = 6e-41  
 Identities = 74/94 (78%), Positives = 81/94 (85%), Gaps = 1/94 (1%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAAT TS LISW+ + RYYRITYGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVPRDLEVVAAT-TSLLISWDYNTGDRYYRITYGETGGNSPVQEFTVPPWASIATIG 5  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT ++ + +D PISINYR+  
 Sbjct: 60 GLKPGVDYTITVYAVTAQTGHHLHDKPISINYRS 93

## STN Columbus

L2 ANSWER 50 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78862 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.14.

## BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 146 bits (369), Expect = 5e-41  
 Identities = 74/94 (78%), Positives = 76/94 (80%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTS LISW R + RYYRITYGETGGNSPVQE TVPPWA+ ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSLISWYRHTYRDRYYRITYGETGGNSPVQESTVPPWATTATIS 6  
 Query: 61 GLKPGVDYTTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKPGVDYTI VYAVTD PISINYRT  
 Sbjct: 61 GLKPGVDYTTIAVYAVTDTGYDVHTKRPISINYRT 94

L2 ANSWER 51 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADE81116 protein DGENE  
 TI Synthesizing peptide(s) on solid support a comprises incubating a solid support with immobilized templates, each comprising an RNA encoding a peptide and a peptide acceptor-linker, under conditions suitable for translation.  
 IN Kurz M  
 PA (KURZ-I) KURZ M.  
 PI US 2003100004 A1 20030529 13  
 AI US 2002-302456 20021121  
 PRAI US 2001-333470P 20011127  
 DT Patent  
 LA English  
 OS 2003-755207 [71]  
 DESC Protein related to solid support-immobilised protein synthesis.

## BLASTALIGN

Query = 94 letters  
 Length = 96  
 Score = 145 bits (366), Expect = 1e-40  
 Identities = 76/95 (80%), Positives = 79/95 (83%), Gaps = 1/95 (1%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAATPTS LISW + +RYYRITYGETGGNSPVQEFTVPPWASIATIS  
 Sbjct: 2 VSDVPRDLEVVAATPTSLISWKTHEVAARYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 Query: 61 GLKPGVDYTTITVYAVTDKSDT-YKYDDPISINYRT 94  
           GLKPGVDYTTITVYAVT T + PI INYRT  
 Sbjct: 62 GLKPGVDYTTITVYAVTPLRWTEAHIPINITYRT 96

L2 ANSWER 52 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78908 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in



## STN Columbus

research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.35.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 145 bits (367), Expect = 8e-41  
 Identities = 73/94 (77%), Positives = 75/94 (79%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTS+LISW RYYRITYGETGGNSPVQEFTVPPWAS A IS  
 Sbjct: 1 VSDVPRDLEVVAATPTSQSLISWKSHTFHPRIYYRITYGETGGNSPVQEFTVPPWASTAAIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPG DYTITVYAVT + PISINYRT  
 Sbjct: 61 GLKPGADYTITVYAVTLNRSSPNSARPISINYRT 94

L2 ANSWER 53 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78907 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -

IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.15.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 145 bits (367), Expect = 8e-41  
 Identities = 74/94 (78%), Positives = 76/94 (80%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTS LISW+ RYYRITYGETGGNSPVQEFTVPPW SIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSLISWHTERSFPRYYRITYGETGGNSPVQEFTVPPWGSIAIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT+ PI INYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTEHYRDTGTGHPPIPIINYRT 94

L2 ANSWER 54 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ABB78906 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G

## STN Columbus

PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.15.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 145 bits (367), Expect = 8e-41  
 Identities = 74/94 (78%), Positives = 76/94 (80%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTS LISW+ RYYRITYGETGGNSPVQEFTVPPW SIATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSLISWHTERSFPRYYRITYGETGGNSPVQEFTVPPWGSIIATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT+ PI INYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTEHYRDTGTGHPPIPIINYRT 94

L2 ANSWER 55 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78894 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in  
 research, therapeutic or diagnostic fields, particularly as scaffolds for  
 designing proteins with specific properties, e.g. for binding any antigen  
 of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T10.01.  
 BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 145 bits (367), Expect = 8e-41  
 Identities = 74/94 (78%), Positives = 78/94 (82%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVAATPTS+LISW RYYRITYGETGGNSPVQEFTVPPWA+ ATIS  
 Sbjct: 1 VSDVPRDLEVVAATPTSRLISWTTTRHSPVRYRITYGETGGNSPVQEFTVPPWATTATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT ++ PISINYRT  
 Sbjct: 61 GLKPGVDYTITVYAVTTPNTNWRFPHPRPISINYRT 94

L2 ANSWER 56 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78948 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in  
 research, therapeutic or diagnostic fields, particularly as scaffolds for  
 designing proteins with specific properties, e.g. for binding any antigen  
 of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016

## STN Columbus

DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence M12.09.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 144 bits (362), Expect = 3e-40  
Identities = 73/93 (78%), Positives = 76/93 (81%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW SRY+RITYGETGGNSPVQEFTVPPWA+ ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPGRAYSRYFRITYGETGGNSPVQEFTVPPWANTATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYR 93  
GLKPGVDYTI VYAVT + PISINYR  
Sbjct: 61 GLKPGVDYTI AVYAVTFPPRYPLTEMPISINYR 93

L2 ANSWER 57 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78947 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence M12.13.  
BLASTALIGN

Query = 94 letters  
Length = 94  
Score = 144 bits (363), Expect = 2e-40  
Identities = 74/94 (78%), Positives = 76/94 (80%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
VSDVPRDLEVVAATPTSRLISW SRYRITYGETGGNSPVQEFTVPPWA+ ATIS  
Sbjct: 1 VSDVPRDLEVVAATPTSRLISWRPGRITYSRYYRITYGETGGNSPVQEFTVPPWANTATIS 6  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
LKPGVDYTITVYAV + PISINYRT  
Sbjct: 61 CLKPGVDYTITVYAVAFPPGYPLTEMPISINYRT 94

L2 ANSWER 58 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
Full Text

AN ABB78925 Peptide DGENE  
TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
IN Lipovsek D; Wagner R W; Kuimelis R G  
PA (PHYL-N) PHYLOS INC.  
PI WO 2002032925 A2 20020425 94  
AI WO 2001-US32233 20011016  
PRAI US 2000-688566 20001016  
DT Patent  
LA English  
OS 2002-444238 [47]  
DESC Tumour necrosis factor-alpha binding amino acid sequence T14.11.

## STN Columbus

## BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 144 bits (362), Expect = 3e-40  
 Identities = 72/94 (76%), Positives = 78/94 (82%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDV RDLE VAATPTS LISWN + +RYYRITYGETGGNSPVQEFTVPPWASIATI  
 Sbjct: 1 VSDVSRDLEAVAATPTSLISWNPNSRFARYRITYGETGGNSPVQEFTVPPWASIATIG 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           GLKP VDYTITVYAVT ++ + +D I INYRT  
 Sbjct: 61 GLKPRVDYTITVYAVTAQTGHHLHDKSIPINYRT 94

L2 ANSWER 59 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78924 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T14.19.

## BLASTALIGN

Query = 94 letters  
 Length = 92  
 Score = 144 bits (363), Expect = 2e-40  
 Identities = 74/94 (78%), Positives = 77/94 (81%), Gaps = 2/94 (2%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS 6  
           VSDVPRDLEVVAAT TS+LISW +RYYRITYGET GNSPVQEFTVPPWAS ATIS  
 Sbjct: 1 VSDVPRDLEVVAATATSQLISWPWPSXPTTRYRITYGETEGNSPVQEFTVPPWASTATIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
           G+KPGVDYTI VYAVT KYD PISINYRT  
 Sbjct: 61 GIKPGVDYTIAYVAVT--MPERKYDKPISINYRT 92

L2 ANSWER 60 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

## Full Text

AN ABB78863 Peptide DGENE  
 TI New non-antibody proteins having an immunoglobulin fold, useful in research, therapeutic or diagnostic fields, particularly as scaffolds for designing proteins with specific properties, e.g. for binding any antigen of interest -  
 IN Lipovsek D; Wagner R W; Kuimelis R G  
 PA (PHYL-N) PHYLOS INC.  
 PI WO 2002032925 A2 20020425 94  
 AI WO 2001-US32233 20011016  
 PRAI US 2000-688566 20001016  
 DT Patent  
 LA English  
 OS 2002-444238 [47]  
 DESC Tumour necrosis factor-alpha binding amino acid sequence T09.24.

## BLASTALIGN

Query = 94 letters  
 Length = 94  
 Score = 144 bits (362), Expect = 3e-40

## STN Columbus

Identities = 72/94 (76%), Positives = 74/94 (78%)

Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS 6  
 VSDVPRDLEVVA PTS LISW R + RYYRITYGETGGNSPVQEFTVPPWA+ A IS  
 Sbjct: 1 VSDVPRDLEVVAAPTSLISWYRHTYRDRYYRITYGETGGNSPVQEFTVPPWATTAAIS 6  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDY I VYAVTD PISINYRT  
 Sbjct: 61 GLKPGVDYAIAYVAVTDTGYDVHTKRPISINYRT 94

L2 ANSWER 61 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN AEB47084 protein DGENE  
 TI New lens comprising an engineered protein and formed by cross-linking the  
 engineered protein, useful in correcting the optical properties of an  
 eye.  
 IN Tirrell D A; Schwartz D M; Nowatzki P J; Grubbs R H  
 PA (CALY) CALIFORNIA INST OF TECHNOLOGY.  
 PI WO 2005072223 A2 20050811 75  
 AI WO 2005-US1773 20050121  
 PRAI US 2004-538844P 20040123  
 US 2004-552029P 20040310  
 DT Patent  
 LA English  
 OS 2005-555604 [56]  
 DESC Human fibronectin.  
 BLASTALIGN

Query = 94 letters  
 Length = 2355  
 Score = 143 bits (361), Expect = 6e-39  
 Identities = 73/94 (77%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS  
 VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
 Sbjct: 1447 VSDVPRDLEVVAATPTSLLISWDAPAVTVRYRITYGETGGNSPVQEFTVPGSKSTATIS  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT + D+ PISINYRT  
 Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 62 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN AEB11771 protein DGENE  
 TI Monitoring response of patient being treated for cancer by administering  
 anti-cancer agent, by determining expression level of genes/gene products  
 in biological sample from patient prior to and after treatment with anti-  
 cancer agent.  
 IN Pauloski N; Liu L  
 PA (FARB) BAYER PHARM CORP.  
 PI WO 2005059108 A2 20050630 112  
 AI WO 2004-US41883 20041210  
 PRAI US 2003-529432P 20031212  
 DT Patent  
 LA English  
 OS 2005-467117 [47]  
 CR N-PSDB: AEB11753  
 DESC Human fibronectin 1.  
 BLASTALIGN

Query = 94 letters  
 Length = 2328  
 Score = 143 bits (361), Expect = 6e-39  
 Identities = 73/94 (77%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS  
 VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS

## STN Columbus

Sbjct: 1420 VSDVPRDLEVVAATPTSLISWDAPAVTVRYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1480 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1513

L2 ANSWER 63 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN AEB17606 protein DGENE  
TI Novel disease marker of atopic dermatitis, comprising genes such as S100 calcium binding protein A8 and A7, keratin 6A and 6B, keratin 16, loricrin, filaggrin gene, useful as probe or primer for detecting atopic dermatitis.  
PA (SUMU) SUMITOMO SEIYAKU KK.  
(SUMO) SUMITOMO CHEM CO LTD.  
PI JP 2005110602 A 20050428 44  
AI JP 2003-350569 20031009  
PRAI JP 2003-350569 20031009  
DT Patent  
LA Japanese  
OS 2005-508029 [52]  
CR N-PSDB: AEB17605  
DESC Human fibronectin 1 protein SeqID20.

## BLASTALIGN

Query = 94 letters  
Length = 2355  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS  
VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 64 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN AEA04490 protein DGENE  
TI Detecting expression of one or more nucleic acid sequences in biological sample, useful for detecting cancer, comprises detecting a change in the expression level of one or more nucleic acid sequences relative to a control expression level.  
IN Burgess C; Myerow S; Thiagalingam A; Maimonis P; Molino G; Burgart L; Boardman L A; Thibodeau S; Lewis M  
PA (FARB) BAYER HEALTHCARE LLC.  
(MAYO-N) MAYO FOUND MEDICAL EDUCATION & RES.  
PI WO 2005044990 A2 20050519 256  
AI WO 2004-US36404 20041101  
PRAI US 2003-700439 20031104  
DT Patent  
LA English  
OS 2005-372198 [38]  
CR N-PSDB: AEA04397  
REFSEQ: NP\_002017

DESC Human protein from gene overexpressed in cancer, FN1.

## BLASTALIGN

Query = 94 letters  
Length = 2355  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSLISWNRSGLSRYRITYGETGGNSPVQEFTVPPWASIATIS

## STN Columbus

VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 65 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ36436 protein DGENE  
TI Altering the level of hematopoietic progenitor cell adhesion, useful for treating non-angiogenic or angiogenic diseases, comprises treating the cells and the target tissue with the agent.  
IN Varner J A  
PA (REGC) UNIV CALIFORNIA.  
PI WO 2005033275 A2 20050414 122  
AI WO 2004-US31825 20040928  
PRAI US 2003-507202P 20030929  
DT Patent  
LA English  
OS 2005-296133 [30]  
CR N-PSDB: ADZ36441  
DESC Human fibronectin.

## BLASTALIGN

Query = 94 letters  
Length = 2386  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 66 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ26749 protein DGENE  
TI Detecting lineage-specific cells in a biological sample, useful for determining the clinical outcome of a progenitor cell transfer in a subject, comprises identifying lineage-specific mRNA in the sample.  
IN Ritz J; Wu C J  
PA (DAND) DANA FARBER CANCER INST INC.  
PI WO 2005030999 A1 20050407 393  
AI WO 2004-US31524 20040924  
PRAI US 2003-506221P 20030925  
US 2003-509594P 20031008  
DT Patent  
LA English  
OS 2005-273394 [28]  
CR N-PSDB: ADZ26748  
DESC Human fibronectin.

## BLASTALIGN

Query = 94 letters  
Length = 2330  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94

## STN Columbus

GLKPGVDYTITVYAVT + D+ PISINYRT

Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 67 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ26747 protein DGENE  
TI Detecting lineage-specific cells in a biological sample, useful for determining the clinical outcome of a progenitor cell transfer in a subject, comprises identifying lineage-specific mRNA in the sample.  
IN Ritz J; Wu C J  
PA (DAND) DANA FARBER CANCER INST INC.  
PI WO 2005030999 A1 20050407 393  
AI WO 2004-US31524 20040924  
PRAI US 2003-506221P 20030925  
US 2003-509594P 20031008  
DT Patent  
LA English  
OS 2005-273394 [28]  
CR N-PSDB: ADZ26746  
DESC Human fibronectin.

## BLASTALIGN

Query = 94 letters  
Length = 2476  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1537 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1597 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1630

L2 ANSWER 68 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ26745 protein DGENE  
TI Detecting lineage-specific cells in a biological sample, useful for determining the clinical outcome of a progenitor cell transfer in a subject, comprises identifying lineage-specific mRNA in the sample.  
IN Ritz J; Wu C J  
PA (DAND) DANA FARBER CANCER INST INC.  
PI WO 2005030999 A1 20050407 393  
AI WO 2004-US31524 20040924  
PRAI US 2003-506221P 20030925  
US 2003-509594P 20031008  
DT Patent  
LA English  
OS 2005-273394 [28]  
CR N-PSDB: ADZ26744  
DESC Human fibronectin.

## BLASTALIGN

Query = 94 letters  
Length = 2296  
Score = 143 bits (361), Expect = 6e-39  
Identities = 73/94 (77%), Positives = 77/94 (81%)  
Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
GLKPGVDYTITVYAVT + D+ PISINYRT  
Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540



L2 ANSWER 69 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ26741 protein DGENE  
 TI Detecting lineage-specific cells in a biological sample, useful for determining the clinical outcome of a progenitor cell transfer in a subject, comprises identifying lineage-specific mRNA in the sample.  
 IN Ritz J; Wu C J  
 PA (DAND) DANA FARBER CANCER INST INC.  
 PI WO 2005030999 A1 20050407 393  
 AI WO 2004-US31524 20040924  
 PRAI US 2003-506221P 20030925  
 US 2003-509594P 20031008  
 DT Patent  
 LA English  
 OS 2005-273394 [28]  
 CR N-PSDB: ADZ26740  
 DESC Human fibronectin.  
 BLASTALIGN  
 Query = 94 letters  
 Length = 2176  
 Score = 143 bits (361), Expect = 6e-39  
 Identities = 73/94 (77%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
 Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT + D+ PISINYRT  
 Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540

L2 ANSWER 70 OF 910 DGENE COPYRIGHT 2005 The Thomson Corp on STN

Full Text

AN ADZ26565 protein DGENE  
 TI Detecting lineage-specific cells in a biological sample, useful for determining the clinical outcome of a progenitor cell transfer in a subject, comprises identifying lineage-specific mRNA in the sample.  
 IN Ritz J; Wu C J  
 PA (DAND) DANA FARBER CANCER INST INC.  
 PI WO 2005030999 A1 20050407 393  
 AI WO 2004-US31524 20040924  
 PRAI US 2003-506221P 20030925  
 US 2003-509594P 20031008  
 DT Patent  
 LA English  
 OS 2005-273394 [28]  
 CR N-PSDB: ADZ26564  
 DESC Human fibronectin.  
 BLASTALIGN  
 Query = 94 letters  
 Length = 2355  
 Score = 143 bits (361), Expect = 6e-39  
 Identities = 73/94 (77%), Positives = 77/94 (81%)  
 Query: 1 VSDVPRDLEVVAATPTSRLISWNRSGLQSRYYRITYGETGGNSPVQEFTVPPWASIATIS  
 VSDVPRDLEVVAATPTS LISW+ + RYYRITYGETGGNSPVQEFTVP S ATIS  
 Sbjct: 1447 VSDVPRDLEVVAATPTSLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATIS  
 Query: 61 GLKPGVDYTITVYAVTDKSDTYKYDDPISINYRT 94  
 GLKPGVDYTITVYAVT + D+ PISINYRT  
 Sbjct: 1507 GLKPGVDYTITVYAVTGRGDSPASSKPISINYRT 1540